

APPLICANT FACSIMILE OF FORM PTO-1449
REV 7-80

U.S. DEPARTMENT OF
COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY DOCKET NO

SERIAL NO.

CPI-099

09/362,286

LIST OF PUBLICATIONS CITED BY APPLICANT
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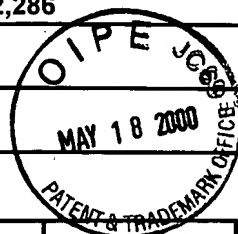
Nadkarni, A.K. and Trueheart, J.

FILING DATE

July 27, 1999

GROUP

1643



U.S. PATENT DOCUMENTS

EXAMINE R INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>f</i>	A1	4,948,874	08/90	Kronvall et al.	530	350	
<i>g</i>	A2	5,096,815	03/92	Ladner et al.	435	69.1	
<i>h</i>	A3	5,401,629	03/95	Harpold et al.	435	6	
<i>h</i>	A4	5,436,128	07/95	Harpold et al.	435	6	
<i>h</i>	A5	5,482,835	01/96	King et al.	435	6	
<i>h</i>	A6	5,576,210	11/96	Sledziewski et al.	435	254.21	
<i>h</i>	A7	5,691,188	11/97	Pausch et al.	435	254	
<i>h</i>	A8	5,739,029	04/98	King et al.	435	254.21	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
<i>h</i>	A9	WO 8810308	12/88	PCT	—	—		
<i>h</i>	A10	WO 9112273	08/91	PCT	—	—		
<i>h</i>	A11	WO 9205244	04/92	PCT	—	—		
<i>h</i>	A12	WO 9208740	05/92	PCT	—	—		
<i>h</i>	A13	WO 9310230	05/93	PCT	—	—		
<i>h</i>	A14	EP 568925	11/93	EPO	—	—		
<i>h</i>	A15	WO 9423025	10/94	PCT	—	—		
<i>h</i>	A16	WO 9530012	11/95	PCT	—	—		
<i>h</i>	A17	EP 344024	08/96	EPO	—	—		
<i>h</i>	A18	WO 9711159	03/97	PCT	—	—		
<i>h</i>	A19	WO 9813513	04/98	PCT	—	—		

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<i>h</i>	A20	Alison, Malcolm R. et al. "Growth factors and growth factor receptors," <i>Brit. J. of Hosp. Med.</i> 49(11):774-788 (1993);
<i>h</i>	A21	Altieri, Dario C. "Proteases and protease receptors in modulation of leukocyte effector functions," <i>Journal of Leukocyte Biology</i> 58:120-127 (Aug 1995);
<i>h</i>	A22	Arkinstall, Steve, et al., "Co-expression of the neurokinin NK2 receptor and G-protein components in the fission yeast <i>Schizosaccharomyces pombe</i> ," <i>FEBS Letters</i> 375:183-187 (1995);
<i>h</i>	A23	Belka, C. et al. "The role of tyrosine kinases and their substrates in signal transmission of hematopoietic growth factors: a short review," <i>Leukemia</i> 9:754-761 (1995);
<i>h</i>	A24	Bender, Alan and Sprague, George F. Jr. "Pheromones and Pheromone Receptors Are the Primary Determinants of Mating Specificity in the Yeast <i>Saccharomyces cerevisiae</i> ," <i>Genetics</i> 121:463-476 (Mar 1989);

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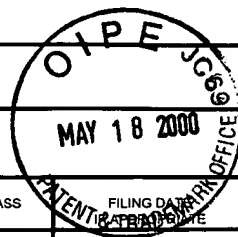
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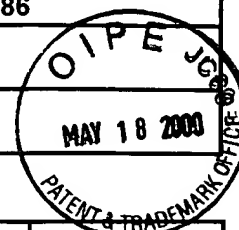
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<i>[Signature]</i>	B1	Birnbaumer, Lutz "Transduction of receptor signal into modulation of effector activity by G proteins: the first 20 years or so...", <i>FASEB Journal</i> 4:3178-3188 (1990);
<i>[Signature]</i>	B2	Blinder, Dmitry et al. "Constitutive Mutants in the Yeast Pheromone Response: Ordered Function of the Gene Products," <i>Cell</i> 56:479-486 (Feb 1989);
<i>[Signature]</i>	B3	Brennan, Fionula M. et al. "Detection of interleukin 8 biological activity in synovial fluids from patients with rheumatoid arthritis and production of interleukin 8 mRNA by isolated synovial cells" <i>Eur J. Immunol</i> 20:2141-2144 (1990);
<i>[Signature]</i>	B4	Chambers, D. A. et al. "Neuroimmune Modulation: Signal Transduction and Catecholamines," <i>Neurochem. Int.</i> 22(2):95-110 (1993);
<i>[Signature]</i>	B5	Chan, Russell K. and Otte, Carol A. "Isolation and Genetic Analysis of <i>Saccharomyces cerevisiae</i> Mutants Supersensitive to G1 Arrest by a Factor and α Factor," <i>Molecular and Cellular Biol.</i> 2(1):11-20 (Jan 1982);
<i>[Signature]</i>	B6	Conklin, Bruce R. et al. "Substitution of three amino acids switches receptor specificity of G_{α_q} to that of G_{α_i} ," <i>Nature</i> 363:274-276 (May 1993);
<i>[Signature]</i>	B7	Coria, Roberto, et al. "Separate Roles for N- and C-Termini of the STE4 (β) Subunit of the <i>Saccharomyces Cerevisiae</i> G Protein in the Mediation of the Growth Arrest. Lack of Growth-Arresting Activity of Mammalian $\beta\gamma$ Complexes," <i>Yeast</i> 12:41-51 (1996);
<i>[Signature]</i>	B8	Coria, Roberto, et al. "STE2/SCG1-dependent inhibition of STE4-induced growth arrest by mutant STE4 Δ C6 in the yeast pheromone response pathway," <i>FEBS Letters</i> 367:122-126 (1995);
<i>[Signature]</i>	B9	Dietzel, et al., "The Yeast SCG1 Gene: A $G\alpha$ -like Protein Implicated in the a- and α -Factor Response Pathway", <i>Cell</i> , Vol. 50, pp. 1001-1010, (1987);
<i>[Signature]</i>	B10	Dubois, Patrice M. et al. "Role of the transmembrane and cytoplasmic domains of surface IgM in endocytosis and signal transduction," <i>Eur. J. Immunol.</i> 22:851-857 (1992);
<i>[Signature]</i>	B11	Etienne, Gilles et al. "A Screening Method for Antifungal Substances Using <i>Saccharomyces cerevisiae</i> Strains Resistant to Polyene Macrolides," <i>The Journal of Antibiotics</i> 43(2):199-206 (Feb 1990);
<i>[Signature]</i>	B12	Funaro, Ada et al. "Human CD38 is associated to distinct molecules which mediate transmembrane signaling in different lineages," <i>Eur. J. Immunol.</i> 23:2407-2411 (1993);
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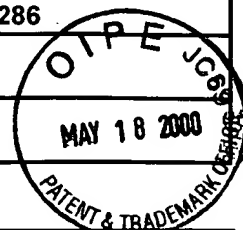
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<i>[initials]</i>	C1	Gordon, John "B-cell signaling via the C-type lectins CD23 and CD72," <i>Immunology Today</i> 15(9):411-417 (1994);
<i>[initials]</i>	C2	Gotlieb, Alice B. et al. "Detection of a γ Interferon-Induced Protein IP-10 in Psoriatic Plaques" <i>J. Exp. Med.</i> 168:941-948 (Sep 1988);
<i>[initials]</i>	C3	Gros, Philippe et al. "Mammalian Multidrug Resistance Gene: Complete cDNA Sequence Indicates Strong Homology to Bacterial Transport Proteins," <i>Cell</i> 47:371-380 (Nov 1986);
<i>[initials]</i>	C4	Hagen, David C. et al. "Evidence the yeast <i>STE3</i> gene encodes a receptor for the peptide pheromone a factor: Gene sequence and implications for the structure of the presumed receptor," <i>Proc. Natl. Acad. Sci. USA</i> 83:1418-1422 (Mar 1986);
<i>[initials]</i>	C5	Hartwell, Leland H. "Mutants of <i>Saccharomyces cerevisiae</i> Unresponsive to Cell Division Control by Polypeptide Mating Hormone," <i>J. Cell Biol.</i> 85:811-822 (Jun 1980);
<i>[initials]</i>	C6	Hechtman, D.H. et al. "Intravenous Endothelial Interleukin-8 Reduces Neurotrophil Accumulation at Intradermal Sites of Inflammation" <i>FASEB J.</i> 4(4):A890, Abtr. 3618 (Feb 1990);
<i>[initials]</i>	C7	Holmes, William E. et al. "Structure and Functional Expression of a Human Interleukin-8 Receptor" <i>Science</i> 253:1278-1280 (Sep 1991);
<i>[initials]</i>	C8	Huang, Hao-jen et al. "Functional Expression of RAT M5 Muscarinic Acetylcholine Receptor In Yeast" <i>Biochemical and Biophysical Research Communications</i> 182(3):1180-1186 (Feb 1992);
<i>[initials]</i>	C9	Jakobs, K. H. et al. "Dual regulation of adenylate cyclase. A signal transduction mechanism of membrane receptors," <i>Basic Res. Cardiol.</i> 81:1-9 (1986);
<i>[initials]</i>	C10	Kajkowski, Eileen et al. "Investigation of Growth Hormone Releasing Hormone Receptor Structure and Activity Using Yeast Expression Technologies" <i>J. Of Receptor & Signal Transduction Research</i> 17(1-3):293-303 (1997);
<i>[initials]</i>	C11	Kang, Yoon-Se et al. "Effects of expression of mammalian galpha and hybrid mammalian yeast galpha proteins on the yeast pheromones response signal transduction pathway," <i>J. Mol. Biol.</i> 10(6):2582-2590 (1990);
<i>[initials]</i>	C12	King, Klim et al. "Control of Yeast Mating Signal Transduction by a Mammalian β_2 -Adrenergic Receptor and G_s α Subunit," <i>Science</i> 250:121-123 (Oct 1990);
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<i>[initials]</i>	D1	Kosugi, Shinji et al. "Characterization of heterogeneous mutations causing constitutive activation of the luteinizing hormone receptor in familial male precocious puberty," <i>Human Molecular Genetics</i> 4(2):183-188 (1995);
<i>[initials]</i>	D2	Kuchler, Karl and Thorner, Jeremy "Functional expression of human <i>mdr1</i> in the yeast <i>Saccharomyces cerevisiae</i> ," <i>Proc. Natl. Acad. Sci. USA</i> 89:2302-2306 (Mar 1992);
<i>[initials]</i>	D3	Kuchler, Karl et al. "Saccharomyces cerevisiae STE6 gene product: a novel pathway for protein export in eukaryotic cells," <i>The EMBO Journal</i> . 8(13):3973-3984 (1989);
<i>[initials]</i>	D4	Lambright, David G. et al. "Structural determinants for activation of the α -subunit of a heterotrimeric G protein," <i>Nature</i> 369:621-628 (Jun 1994);
<i>[initials]</i>	D5	Leberer, Ekkehard, et al., "Dominant-negative Mutants of a Yeast G-Protein β Subunit Identify Two Functional Regions Involved in Pheromone Signalling", <i>The EMBO Journal</i> , Vol. 11, No. 13, pp. 4805-4813, (1992);
<i>[initials]</i>	D6	Lee, James et al. "Characterization of Two High Affinity Human Interleukin-8 Receptors" <i>J. Biol. Chem.</i> 267(23):16283-16287 (Aug 1992);
<i>[initials]</i>	D7	Leonard, Edward J. et al. "Chemotactic Activity and Receptor Binding of Neutrophil Attractant/Activation Protein-1 (NAP-1) and Structurally Related Host Defense Cytokines: Interaction of NAP-2 With the NAP-1 Receptor" <i>Journal of Leukocyte Biology</i> 49:258-265 (1991);
<i>[initials]</i>	D8	Mackay, Vivian and Manney, Thomas R. "Mutations Affecting Sexual Conjugation and Related Processes in <i>Saccharomyces cerevisiae</i> . II Genetic Analysis of Nonmating Mutants," <i>Genetics</i> 76:273-288 (Feb 1974);
<i>[initials]</i>	D9	Milano, C.A. et al. "Enhanced Myocardial Function in Transgenic Mice Overexpressing the β_2 -Adrenergic Receptor," <i>Science</i> 264:582-586 (Apr 1994);
<i>[initials]</i>	D10	Murphy, A.J.M. et al. "Autocrine Stimulation of Yeast through Human G-Coupled Receptors," <i>J. Cell Biochem.</i> 18B:224 (1994)
<i>[initials]</i>	D11	Murphy, Philip M. and Tiffany, H. Lee "Cloning of Complementary DNA Encoding a Functional Human Interleukin-8 Receptor" <i>Science</i> 253:1280-1282 (Sep 1991);
<i>[initials]</i>	D12	Murphy, Philip and McDermott, David "Functional Expression of the Human Formyl Peptide Receptor in <i>Xenopus</i> Oocytes Requires a Complementary Human Factor" <i>The Journal of Biological Chemistry</i> 266(19):12560-12567 (Jul 1991);
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








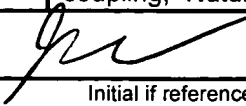
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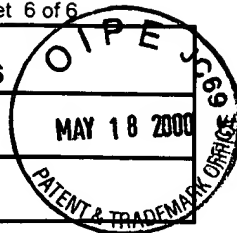
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	E1	Nakayama, N. et al. "Common signal transduction system shared by <i>STE2</i> and <i>STE3</i> in haploid cells of <i>Saccharomyces cerevisiae</i> : autocrine cell-cycle arrest results from forced expression of <i>STE2</i> ," <i>The EMBO Journal</i> 6(1):249-254 (1987);
	E2	Noelle, Randolph J. et al. "CD40 and its ligand, an essential ligand-receptor pair for thymus-dependent B-cell activation," <i>Immunol. Today</i> 13(11):431-433 (1992);
	E3	Nye, Jeffrey S. and Kopan, Raphael "Vertebrate ligands for Notch," <i>Current Biology</i> 5(9):966-969 (1995);
	E4	Oppenheim, Joost J. et al. "Properties of the Novel Proinflammatory Supergene "Interocrine" Cytokine Family" <i>Annu. Rev. Immunol.</i> 9:617-648 (1991);
	E5	Payette, Paul et al. "Expression and pharmacological characterization of human M1 muscarinic receptor in <i>Saccharomyces cerevisiae</i> ," <i>FEBS Letters</i> 266(1,2):21-25 (Jun 1990);
	E6	Price, Laura A. et al. "Pharmacological Characterization of the A_{2a} Adenosine Receptor Functionally Coupled to the Yeast Pheromone Response Pathway" <i>Molecular Pharmacology</i> 50:829-837 (1996);
	E7	Price, Laura A. et al. "Functional Coupling of a Mammalian Somatostatin Receptor to the Yeast Pheromone Response Pathway," <i>Molecular and Cellular Biology</i> 15(11):6188-6195 (Nov 1995);
	E8	Raymond, Martine et al. "Functional Complementation of Yeast <i>ste6</i> by a Mammalian Multidrug Resistance <i>mdr</i> Gene," <i>Science</i> 256:232-234 (Apr 1992);
	E9	Russell, Marijane et al. "G Protein Amino-Terminal α_2/α_5 Chimeras Reveal Amino Acids Important in Regulating α_5 Activity," <i>Molecular Pharmacology</i> 44:255-263 (1993);
	E10	Sander, Peter et al. "Expression of the human D_2S dopamine receptor in the yeasts <i>Saccharomyces cerevisiae</i> and <i>Schizosaccharomyces pombe</i> : a comparative study" <i>FEBS Letters</i> 344:41-46 (1994);
	E11	Schröder, Jens-Michael and Christophers, Enno "Identification of C5a _{des arg} and an Anionic Neutrophil-Activating Peptide (ANAP) in Psoriatic Scales" <i>J. Invest. Dermatol.</i> 87:53-58 (1986);
	E12	Sticherling, Michael et al. "Localization of Neutrophil-Activating Peptide-1/Interleukin-8-Immunoreactivity in Normal and Psoriatic Skin" <i>J. Invest. Dermatol.</i> 96:26-30 (1991);
	E13	Sullivan, Kathleen A. et al. "Identification of receptor contact site involved in receptor-G protein coupling," <i>Nature</i> 330:758-760 (Dec 1987);
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<i>g</i>	F1	Talmont, Franck, et al. "Expression and pharmacological characterization of the human μ -opioid receptor in the methylotrophic yeast <i>Pichia pastoris</i> ," <i>FEBS Letters</i> 394:268-272 (1996);
<i>✓</i>	F2	Tate, Christopher et al. "Heterologous expression of G-protein-coupled receptors" <i>TibTech</i> 14:426-430 (1996);
<i>g</i>	F3	Teem, John L. et al. "Identification of Revertants for the Cystic Fibrosis $\Delta F508$ Mutation Using STE6-CFTR Chimeras in Yeast," <i>Cell</i> 73:335-346 (Apr 1993);
<i>g</i>	F4	Thelen, Marcus et al. "Mechanism of neutrophil activation by NAF, a novel monocyte-derived peptide agonist" <i>FASEB J.</i> 2:2702-2706 (1998);
<i>g</i>	F5	Van Zee, Kimberly J. et al. "IL-8 in Septic Shock, Endotoxemia, and After IL-1 Administration" <i>J. Immunol.</i> 146(10):3478-3482 (May 1991);
<i>g</i>	F6	Walz, Alfred et al. "Structure and Neutrophil-activating Properties of a Novel Inflammatory Peptide (ENA-78) with Homology to Interleukin 8" <i>J. Exp. Med.</i> 174:1355-1362 (Dec 1991);
<i>g</i>	F7	Weiss, H. Markus et al. "Expression of functional mouse 5-HT _{5A} serotonin receptor in the methylotrophic yeast <i>Pichia pastoris</i> : pharmacological characterization and localization" <i>FEBS Letters</i> 377:451-456 (1995);
<i>g</i>	F8	Whiteway, Malcom S. et al. "Association of the Yeast Pheromone Response G Protein $\beta\gamma$ Subunits with the MAP Kinase Scaffold Ste5p" <i>Science</i> 269:1572-1575 (Sep 1995);
<i>g</i>	F9	Whiteway, Malcolm S. et al. "Genetic Identification of Residues Involved in Association of α and β G-Protein Subunits" <i>Molecular and Cellular Biology</i> 14(5):3223-3229 (1994);
<i>g</i>	F10	Whiteway, Malcolm S. et al. "Mutagenesis of Ste18, a putative G γ subunit in the <i>Saccharomyces cerevisiae</i> pheromone response pathway" <i>Biochem. Cell. Biol.</i> 70: 1232-1237 (1992).

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